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TECH CENTER 1600/2900

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/581,286A

DATE: 08/11/2003

TIME: 10:43:51

Input Set : E:\4137-3.app

Output Set: N:\CRF4\08112003\I581286A.raw

3 <110> APPLICANT: ROSS, BRUCE C.  
 4 BARR, IAN G.  
 5 PATTERSON, MICHELLE A.  
 6 AGIUS, CATHERINE T.  
 7 ROTH, LINDA J.  
 8 MARGETTS, MAL B.  
 9 HOCKING, DIANNA M.  
 10 WEBB, ELIZABETH A.  
 12 <120> TITLE OF INVENTION: PORPHYROMONAS GINGIVALIS POLYPEPTIDES AND NUCLEOTIDES  
 14 <130> FILE REFERENCE: 4137-3  
 16 <140> CURRENT APPLICATION NUMBER: 09/581,286A  
 17 <141> CURRENT FILING DATE: 2000-06-28  
 19 <150> PRIOR APPLICATION NUMBER: PCT/AU98/01023  
 20 <151> PRIOR FILING DATE: 1998-12-10  
 22 <150> PRIOR APPLICATION NUMBER: AU PP 0839  
 23 <151> PRIOR FILING DATE: 1997-12-10  
 25 <150> PRIOR APPLICATION NUMBER: AU PP 1182  
 26 <151> PRIOR FILING DATE: 1997-12-31  
 28 <150> PRIOR APPLICATION NUMBER: AU PP 1846  
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 31 <150> PRIOR APPLICATION NUMBER: AU PP 2264  
 32 <151> PRIOR FILING DATE: 1998-03-10  
 34 <150> PRIOR APPLICATION NUMBER: AU PP 2911  
 35 <151> PRIOR FILING DATE: 1998-04-09  
 37 <150> PRIOR APPLICATION NUMBER: AU PP 3128  
 38 <151> PRIOR FILING DATE: 1998-04-23  
 40 <150> PRIOR APPLICATION NUMBER: AU PP 3338  
 41 <151> PRIOR FILING DATE: 1998-05-05  
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 46 <150> PRIOR APPLICATION NUMBER: AU PP 4917  
 47 <151> PRIOR FILING DATE: 1998-07-29  
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 53 <151> PRIOR FILING DATE: 1998-08-04  
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 64 <400> SEQUENCE: 1

p.6

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228 caaacgccc aaagcccgt gacactggca atggtagagc ggttgacagc tgtggctcggc 720
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**RAW SEQUENCE LISTING ERROR SUMMARY**  
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Input Set : E:\4137-3.app  
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**Please Note:**

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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Seq#:11; N Pos. 199  
Seq#:48; N Pos. 735  
Seq#:64; N Pos. 1174  
Seq#:87; N Pos. 3024  
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Seq#:134; N Pos. 172  
Seq#:135; N Pos. 154  
Seq#:173; N Pos. 723  
Seq#:191; N Pos. 1150  
Seq#:220; N Pos. 2949  
Seq#:221; N Pos. 2946  
Seq#:228; N Pos. 267,524  
Seq#:268; Xaa Pos. 2  
Seq#:275; Xaa Pos. 67  
Seq#:312; Xaa Pos. 245  
Seq#:328; Xaa Pos. 392  
Seq#:351; Xaa Pos. 1008  
Seq#:358; Xaa Pos. 180  
Seq#:398; Xaa Pos. 58  
Seq#:399; Xaa Pos. 52  
Seq#:437; Xaa Pos. 241  
Seq#:455; Xaa Pos. 384  
Seq#:484; Xaa Pos. 983  
Seq#:485; Xaa Pos. 982  
Seq#:492; Xaa Pos. 175

## VERIFICATION SUMMARY

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Input Set : E:\4137-3.app

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L:1601 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48 after pos.:720  
L:2175 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64 after pos.:1140  
L:3059 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:87 after pos.:3000  
L:3294 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94 after pos.:240  
M:341 Repeated in SeqNo=94  
L:4579 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:134 after pos.:120  
L:4622 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:135 after pos.:120  
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L:7635 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:220 after pos.:2940  
L:7710 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:221 after pos.:2940  
L:7931 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:228 after pos.:240  
M:341 Repeated in SeqNo=228  
L:9411 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:268 after pos.:0  
L:9918 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:275 after pos.:64  
L:13830 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:312 after pos.:240  
L:15606 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:328 after pos.:384  
L:18376 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:351 after pos.:992  
L:19078 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:358 after pos.:176  
L:22942 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:398 after pos.:48  
L:23068 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:399 after pos.:48  
L:26960 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:437 after pos.:240  
L:28756 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:455 after pos.:368  
L:32315 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:484 after pos.:976  
L:32561 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:485 after pos.:976  
L:33212 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:492 after pos.:160